



PCT09

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/830,328A

DATE: 08/28/2002
TIME: 12:46:59

Input Set : N:\Crf3\08262002\I830328.raw
Output Set: N:\CRF3\08282002\I830328A.raw

1 <110> APPLICANT: INCYTE PHARMACEUTICALS, INC.
 2 TANG, Y. Tom
 3 ARGENTINE, Charles C.
 4 CORLEY, Neil C.
 5 GORGONE, Gina A.
 6 GUEGLER, Karl J.
 7 BAUGHN, Mariah R.
 8 <120> TITLE OF INVENTION: TRANSMEMBRANE 4 PROTEINS
 9 <130> FILE REFERENCE: PF-0628 PCT
 10 <140> CURRENT APPLICATION NUMBER: US/09/830,328A
 11 <141> CURRENT FILING DATE: 2002-08-26
 12 <150> PRIOR APPLICATION NUMBER: 09/183,027, unassigned
 W--> 13 <151> PRIOR FILING DATE: 1998-10-29, 1998-10-29
 14 <160> NUMBER OF SEQ ID NOS: 7
 15 <170> SOFTWARE: PERL Program
 17 <210> SEQ ID NO: 1
 18 <211> LENGTH: 260
 19 <212> TYPE: PRT
 20 <213> ORGANISM: Homo sapiens
 21 <220> FEATURE:
 22 <221> NAME/KEY: misc_feature
 23 <223> OTHER INFORMATION: Incyte ID No: 2651154CD1
 24 <400> SEQUENCE: 1
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 20 25 30
 27 Ala Glu Cys Ile Phe Phe Val Ser Asp Gln His Ser Leu Tyr Pro
 35 40 45
 28 Leu Leu Glu Ala Thr Asp Asn Asp Asp Ile Tyr Gly Ala Ala Trp
 50 55 60
 29 Ile Gly Ile Phe Val Gly Ile Cys Leu Phe Cys Leu Ser Val Leu
 65 70 75
 30 Gly Ile Val Gly Ile Met Lys Ser Ser Arg Lys Ile Leu Leu Ala
 80 85 90
 31 Tyr Phe Ile Leu Met Phe Ile Val Tyr Ala Phe Glu Val Ala Ser
 95 100 105
 32 Cys Ile Thr Ala Ala Thr Gln Arg Asp Phe Phe Thr Pro Asn Leu
 110 115 120
 33 Phe Leu Lys Gln Met Leu Glu Arg Tyr Gln Asn Asn Ser Pro Pro
 125 130 135
 34 Asn Asn Asp Asp Gln Trp Lys Asn Asn Gly Val Thr Lys Thr Trp
 140 145 150

Does Not Comply
Connected Diskette Needed

pp 1,5
list prior application
number directly above
its filing date

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45 Asp Arg Leu Met Leu Gln Asp Asn Cys Cys Gly Val Asn Gly Pro
46 155 160 165
47 Ser Asp Trp Gln Lys Tyr Thr Ser Ala Phe Arg Thr Glu Asn Asn
48 170 175 180
49 Asp Ala Asp Tyr Pro Trp Pro Arg Gln Cys Cys Val Met Asn Asn
50 185 190 195
51 Leu Lys Glu Pro Leu Asn Leu Glu Ala Cys Lys Leu Gly Val Pro
52 200 205 210
53 Gly Phe Tyr His Asn Gln Gly Cys Tyr Glu Leu Ile Ser Gly Pro
54 215 220 225
55 Met Asn Arg His Ala Trp Gly Val Ala Trp Phe Gly Phe Ala Ile
56 230 235 240
57 Leu Cys Trp Thr Phe Trp Val Leu Leu Gly Thr Met Phe Tyr Trp
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59 Ser Arg Ile Glu Tyr
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74 Val Ser Ala Trp Met Arg Asp Tyr Leu Asn Asn Val Leu Thr Leu
75 35 40 45
76 Thr Ala Glu Thr Arg Val Glu Glu Ala Val Ile Leu Thr Tyr Phe
77 50 55 60
78 Pro Val Val His Pro Val Met Ile Ala Val Cys Cys Phe Leu Ile
79 65 70 75
80 Ile Val Gly Met Leu Gly Tyr Cys Gly Thr Val Lys Arg Asn Leu
81 80 85 90
82 Leu Leu Leu Ala Trp Tyr Phe Gly Ser Leu Leu Val Ile Phe Cys
83 95 100 105
84 Val Glu Leu Ala Cys Gly Val Trp Thr Tyr Glu Gln Glu Leu Met
85 110 115 120
86 Val Pro Val Gln Trp Ser Asp Met Val Thr Leu Lys Ala Arg Met
87 125 130 135
88 Thr Asn Tyr Gly Leu Pro Arg Tyr Arg Trp Leu Thr His Ala Trp
89 140 145 150
90 Asn Phe Phe Gln Arg Glu Phe Lys Cys Cys Gly Val Val Tyr Phe
91 155 160 165
92 Thr Asp Trp Leu Glu Met Thr Glu Met Asp Trp Pro Pro Asp Ser
93 170 175 180
94 Cys Cys Val Arg Glu Phe Pro Gly Cys Ser Lys Gln Ala His Gln

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99           215           220           225
100 Leu Gly Ile Ser Ile Gly Val Thr Gln Ile Leu Ala Met Ile Leu
101           230           235           240
102 Thr Ile Thr Leu Leu Trp Ala Leu Tyr Tyr Asp Arg Arg Glu Pro
103           245           250           255
104 Gly Thr Asp Gln Met Met Ser Leu Lys Asn Asp Asn Ser Gln His
105           260           265           270
106 Leu Ser Cys Pro Ser Val Glu Leu Leu Lys Pro Ser Leu Ser Arg
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123 attattgggtt gttgcgcatt tggcctgact gcggagtgca tcttctttgt atctgaccaa 180
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126 atgaagtcca gcaggaaaat tcttctggcg tatttcatttc tgatgtttat agtatatgcc 360
127 tttgaagtgg catcttgat cacagcagca acacaacgag actttttcac acccaacctc 420
128 ttcttgcataagc agatgttgcata gaggttaccaa aacaacagcc ctccaaacaa tggatgaccag 480
129 tggaaaaaca atggagtcac caaaacctgg gacaggtctca tgctccagga caattgctgt 540
130 ggcgtaaatg gtccatcaga ctggcaaaaa tacacatctg ctttccggac tgagaataat 600
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133 ctgtatctctg gtccatgaa ccgacacgccc tgggggggtt cttgggtttgg atttgccatt 780
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137 ccaagtgcata tggtaaggac ttccatccctt gttttttttt aattttggaa aataaataca 1020
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139 gaaaaatgca taataactac ttccatccctt gttttttttt aattttggaa aataaataca 1140
140 ttccgaaggaa aaacaaaaaaa aaggggcgccccc cccgattttt ggggggtcccgagcc 1200
141 tcgttaaccat gtaaaaaccgg tttccatccctt taaaattgtatc accccccccac aattccccaa 1260
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Input Set : N:\Crfs\08262002\I830328.raw
Output Set: N:\CRF3\08282002\I830328A.raw

146 <211> LENGTH: 2768
147 <212> TYPE: DNA
148 <213> ORGANISM: Homo sapiens
149 <220> FEATURE:
150 <221> NAME/KEY: misc_feature
151 <223> OTHER INFORMATION: Incyte ID No: 2674553CB1
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156 gagtttgtgc agctggccct ggctgccgca gtcgcctgt cccgactcgg agaggactt 240
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161 ccggggcccg cggcgacgat cgctgccgtt ttgccttgg gagtaggatg tggtaaaagg 540
162 atggggcttc tcccttacgg ggctcacaat ggcagagaa gattccgtga agtgcgtcg 600
163 ctgcctgttc tacgcccctca atctgctttt ttggtaatg tccatcagtg tggcgtcgt 660
164 ttctgttgg atgaggact acctaaataa tggctcaact ttaactgcag aaacgagggt 720
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191 ttaccagtgt gatacatagg aatcattatt cagaatgttag tctggctttt aggaagtatt 2340
192 aataagaaaa ttgcacata acttagttga ttccagaaagg acttgtatgc tggtaatctc 2400
193 ccaaatacgacttttgcg acactaaaca cttttaaaa agcttacatctt tgcctctcc 2460
194 aaacaagaag caatagtctc caagtcaata taaattctac agaaaatagt gttcttttc 2520

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Input Set : N:\Crf3\08262002\I830328.raw
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197	atagtatatt	tatttcaaat	ggaaaaagt	cattttactg	tattttgtgt	attttgccta	2700
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211	20 25	30					
212	Ala Glu Cys Ile Phe Phe Val Ser Asp Gln Asn Ser Leu Tyr Pro						
213	35 40	45					
214	Leu Leu Glu Ala Thr Asn Asn Asp Asp Ile Tyr Ala Ala Ala Trp						
215	50 55	60					
216	Ile Gly Met Ser Val Gly Ile Cys Leu Phe Cys Leu Ser Val Leu						
217	65 70	75					
218	Gly Ile Val Gly Ile Met Lys Ser Asn Arg Lys Ile Leu Leu Val						
219	80 85	90					
220	Tyr Phe Ile Leu Met Phe Ile Val Tyr Ala Phe Glu Val Ala Ser						
221	95 100	105					
222	Cys Ile Thr Ala Ala Thr Gln Arg Asp Phe Phe Thr Pro Asn Leu						
223	110 115	120					
224	Phe Leu Lys Gln Met Leu Glu Arg Tyr Gln Asn Asn Ser Pro Pro						
225	125 130	135					
226	Asn Asn Asp Asp Gln Trp Lys Asn Asn Gly Val Thr Lys Thr Trp						
227	140 145	150					
228	Asp Arg Leu Met Leu Gln Asp Asn Cys Cys Gly Val Asn Gly Pro						
229	155 160	165					
230	Ser Asp Trp Gln Lys Tyr Thr Ser Ala Phe Arg Thr Glu Asn Ser						
231	170 175	180					
232	Asp Ala Asp Tyr Pro Trp Pro Arg Gln Cys Cys Val Met Asn Ser						
233	185 190	195					
234	Leu Lys Glu Pro Leu Asn Leu Asp Ala Cys Lys Leu Gly Val Pro						
235	200 205	210					
236	Gly Tyr Tyr His Ser His Gly Cys Tyr Glu Leu Ile Ser Gly Pro						
237	215 220	225					
238	Met Asn Arg His Ala Trp Gly Val Ala Trp Phe Gly Phe Ala Ile						
239	230 235	240					
240	Leu Cys Trp Thr Phe Trp Val Leu Leu Gly Thr Met Phe Tyr Trp						
241	245 250	255					
242	Ser Arg Ile Asp Tyr						
243	260						
245 <210>	SEQ ID NO: 6						

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and its
response whenever
<3087 has a
response

same
error
in Segn 6-7

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/830,328A

DATE: 08/28/2002

TIME: 12:47:00

Input Set : N:\Crf3\08262002\I830328.raw

Output Set: N:\CRF3\08282002\I830328A.raw

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L:251 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:6
L:293 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:7